

Product datasheet for MC212007

Trim7 (NM_053166) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Trim7 (NM_053166) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Trim7
 Synonyms: A1790312
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC212007 representing NM_053166
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCAGAGAAAGAGAAGGTAGGGGCGGAGTTCCAAGCGCTGCGGGCCTTCTGGTGGAGCAGGAGG
 GTCGGCTTCTAAGCCGACTGGAGGTGCTGTCCCAGGAAAGTGACACAGAAACAGAATGAGAACCTGGCCCA
 GCTGGAGGGTGAGATCACTCAGCTGTCCAACTCAGCGGCCAGATCCAGGAGACAGCTCAGAAGCCGGAC
 CTAGACTTCTCCAGGAGTTCAAAGCACACTGAGCAAGTGCAGCAGCGTGCCAGCTCCAAGCCAACCA
 CAGTCTCATCTGAGATGAAGAATAAAGTGTGGAATGTTTCCCTCAAGAGTTTCGTCTTAAAAGGATTGCT
 GAAGAAGTTCAAAGAGGATCTCCAGGGAGAGCTGGAGAAAAGAGAAAGTGAAGTCACTTTGGATCCA
 GACACAGCCAACCCCGTCTCATCTTGTCCCTGGATCTAAGAGCGTACGTCTAGGACAGCGGCCAGG
 ACTTGCCTAACCATCCTCGCCGCTTTGATACCAACACCCGCGTTCTGGCATCCTGTGTTTCTCCTCTGG
 GCGACATCACTGGGAGGTGGAAGTGGGCTCCAAGGACGGCTGGGCTTTCGGTGTGGCCCGGGAGAGCGTG
 CGTCGCAAGGGCCTCACGCTTTTACCCCGAGGAGGGCGTCTGGGCAATGCAACTCAACAATGGGCAAT
 ACTGGGCGGTGACCAGCCCCGAGAGGACACAGCTCAACTGTGGCAGTTGTCGCGGGTGAGGGTGGCGCT
 GGACCTTGAGGTGGGAGCAGTGTCTTCTATGCAGTGGAGGACATGCGCCACCTCTACACCTTCCGCGTC
 AACTTCCAGGAGCGAGTGTCCCCCTTTCTCTGTTTGTCTACCGGCACATACTTGAGAATCTGGCCTT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053166
 Insert Size: 912 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_053166.2 , NP_444396.2
RefSeq Size:	1366 bp
RefSeq ORF:	912 bp
Locus ID:	94089
UniProt ID:	Q923T7
Cytogenetics:	11 B1.2
Gene Summary:	<p>E3 ubiquitin-protein ligase (By similarity). Mediates 'Lys-63'-linked polyubiquitination and stabilization of the JUN coactivator RNF187 in response to growth factor signaling via the MEK/ERK pathway, thereby regulating JUN transactivation and cellular proliferation (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 1, which is shorter at the N-terminus, compared to isoform 2. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>